8 Channel Optical Video Converter with RS485 data

Feature

- Card type or independent structure, which is applied to centralized management 4U framework
- 8-bit digital code and non-compression type video transmission
- Support any high-resolution video signal
- 5Hz-10MHz video channel
- Automatic compatible PAL, NTSC and SECAM video system
- With APC circuit, constant input optical power, and large dynamic range
- Kilomega optical fiber transmission, large capacity, and easy to upgrade
- Power supply and other parameter state indication, which can monitor the operation condition of system
- Support no-damage regenerative trunk of video
- Advanced self-adapting technology, and it is unnecessary to implement the adjusment of spot electrics or optics when using
- Industry-grade design and modularization design make the equipment reliable and flexible
- Can automatically restore the fuse of power supply
- Full built-in power supply, and the appearance design of shell is unique.

Specification

Model	HGC-8FC20
Video interface number	8ch HD-AHD 1080P/CVI 1080P/TVI 3MP/CVBS video & 1CH RS485 data
Bandwidth of video	8MHz
Video input & output impedance	75 Ω (imbalance), BNC
Video input & output voltage	1Vpp
Differential gain	DG <1% (typical value)
Differential phase	DP <0.6˚ (typical value)
Weighted signal-to-noise ratio	S/N ≥ 67dB (Weighted)
Data	
Physical interface	The industry standard connecting terminal
Interface Signal	RS485
Code rat	0-400Kbps
BER	<10-9
Optical	
Connector	FC
Fiber type	single-mode fiber, single fiber
Transmission distance	single mode 20Km
Environmental demand	
environmental temperature	-30 ˚C~+75 ˚C
Storage environment	-40 ˚C~+85 ˚C
Relative humidity	0-95% (no condensation)
Power input	DC5V/2A
Power supply Voltage	AC220V/50Hz
Dimensions	L*W*H:108*105*27